

ABSTRACT

A pneumatic tire whose rim slip resistance and durability are improved by optimizing the shape of the bead base is provided.

A polygonal bead core 3 having a bottom 2 extending generally along the tire width direction is embedded in a bead portion 1. The bead portion 1 has a bead base 6 extending between a bead heel 4 and a bead toe 5. A maximum displacement point 11 is within a range of 25% or less of the width  $w$  of the bottom of the bead core with the third base point 10. The interference  $t_a$  at the maximum displacement point 11 is 1.1 to 1.3 times as much as the interference  $t_b$  at the second base point 8. the bead base 6 extends at least between the bead heel 4 and the first base point 8 and has a first tapered portion 12 with a taper angle  $\theta_1$  being identical with or greater by three degrees or less than a taper angle  $\theta_{BS}$  of a bead seat of the standard rim R.